

AMENDMENTS TO THE CLAIMS

1. (Previously presented) A method for displaying first, second and third video stream information from a video player, the method comprising:
 - detecting the first video stream and associated first stream identification indicating that the first stream is a left stream;
 - detecting the second video stream and associated second stream identification indicating that the second stream is a center stream;
 - detecting the third video stream and associated third stream identification indicating that the third stream is a right stream;
 - detecting a first display device and associated first display device identification indicating that the first display device is to a left location;
 - detecting a second display device, and associated second display device identification indicating that the second display device is a center location;
 - detecting a third display device and associated third display device identification indicating that the third display device is a right location;
 - directing the video streams to the display devices in a first assignment by using the identifications and positions so that the first stream is displayed on the first display device, the second stream is displayed on the second display device, and the third stream is displayed on the third display device to result in a panoramic view that includes three different portions of a same scene, wherein each portion is displayed on a different one of the first, second and third display devices; and
 - accepting a signal from a user input device to modify the directing of the video streams to the display devices to produce a different assignment of streams to display devices.
2. (Original) The method of claim 1, wherein the step of directing the video streams includes automatic direction of the streams to the display devices.
3. (Original) The method of claim 1, wherein the step of directing the video streams includes manual direction of the streams to the display devices.
4. (Original) The method of claim 3, wherein the step of directing the video streams includes substeps of

obtaining a signal from a user input device; and
using the obtained signal to direct a video stream to a display device.

5. (Original) The method of claim 1, wherein a display device includes a display screen.

6. (Original) The method of claim 1, wherein a video stream is obtained from a DVD.

7. (Previously presented) The method of claim 1, wherein a video stream is obtained from a broadcast.

8. (Original) The method of claim 7, wherein the broadcast includes information from a satellite transmission.

9. (Original) The method of claim 7, wherein the broadcast includes information from a cable transmission.

10. (Original) The method of claim 7, wherein the broadcast includes information from a radio-frequency transmission.

11.(Original) The method of claim 7, wherein the broadcast includes information from the Internet.

12.(Original) The method of claim 1, wherein auxiliary stream information is associated with a given video stream, the method further comprising

using the auxiliary stream information to identify a preferred position of the given video stream.

13.(Original) The method of claim 12, wherein auxiliary display device information is associated with a given display device, the method further comprising

using the auxiliary display device information to identify a position of the given display device with respect to a viewer's viewpoint.

14.(Original) The method of claim 13, further comprising

determining that the preferred position corresponds with the position of the given display device; and

directing the given video stream to be displayed on the given display device.

15-18. (Canceled)

19. (Previously presented) The method of claim 1, wherein the panoramic view is of a music video, the method further comprising:

accepting signals from the user input device to display a specific band member on the first display device, an overall stage view on the second display device and a close-up of a musician's hands playing an instrument on the third display device.

20. (Previously presented) The method of claim 1, wherein the panoramic view is of a sporting event, the method further comprising:

accepting signals from the user input device to display a particular player on a fourth display screen and to display performance statistics on a fifth display screen.

21. (New) A method for directing multiple streams of video information, the method comprising:

receiving an indication that a first display device is positioned as a left display device;

receiving an indication that a second display device is positioned as a right display device;

detecting a first video stream and associated auxiliary information indicating that the first stream is a left stream;

detecting a second video stream and associated auxiliary information indicating that the second stream is a right stream;

at least partly in response to the indication that the first display device is positioned as the left display device and the auxiliary information indicating that the first stream is a left stream, directing the first stream to the first display device; and

at least partly in response to the indication that the second display device is positioned as the right display device and the auxiliary information indicating that the second stream is a right stream, directing the second stream to the second display device.

22. (New) The method of claim 21, the method further comprising:

- receiving an indication that a third display device is positioned as a center display device;
 - detecting a third video stream and associated auxiliary information indicating that the third stream is a center stream; and
 - at least partly in response to the indication that the third display device is positioned as the center display device and the auxiliary information indicating that the third stream is a center stream, directing the third stream to the third display device.
23. (New) The method of claim 22, wherein directing the first stream to the first display device, directing the second stream to the second display device, and directing the third stream to the third display device results in a panoramic view that includes three different portions of a same scene, wherein each portion is displayed on a different one of the first, second and third display devices.
24. (New) The method of claim 21, wherein the first stream is automatically directed to the first display device, and the second stream is automatically directed to the second display device.
25. (New) The method of claim 21, the method further comprising redirecting the first stream and the second stream in response to a signal from a remote control device.
26. (New) The method of claim 21, wherein the first stream is received via the Internet.
27. (New) The method of claim 21, wherein the first stream is received from a DVD or cable.
28. (New) The method of claim 21, wherein the auxiliary information indicating that the first stream is a left stream is embedded in a video signal included in the first video stream.
29. (New) The method of claim 21, wherein the auxiliary information indicating that the first stream is a left stream is provided via sub-picture information.

30. (New) The method of claim 21, the method further comprising:

accepting signals from a user input device to display an athlete on a third display screen and to display performance statistics on a fourth display screen.

31. (New) A tangible computer-readable medium having computer-executable instructions stored thereon that, if executed by a computing device, cause the computing device to perform a method comprising:

receiving an indication that a first display device is positioned as a left display device;

receiving an indication that a second display device is positioned as a right display device;

detecting a first video stream and associated auxiliary information indicating that the first stream is a left stream;

detecting a second video stream and associated auxiliary information indicating that the second stream is a right stream;

at least partly in response to the indication that the first display device is positioned as the left display device and the auxiliary information indicating that the first stream is a left stream, directing the first stream to the first display device; and

at least partly in response to the indication that the second display device is positioned as the right display device and the auxiliary information indicating that the second stream is a right stream, directing the second stream to the second display device.

32. (New) The tangible computer-readable medium of claim 31, wherein the method further comprises

receiving an indication that a third display device is positioned as a center display device;

detecting a third video stream and associated auxiliary information indicating that the third stream is a center stream; and

at least partly in response to the indication that the third display device is positioned as the center display device and the auxiliary information indicating that the third stream is a center stream, directing the third stream to the third display device.

33. (New) The tangible computer-readable medium of claim 31, wherein directing the first stream to the first display device, directing the second stream to the second

display device, and directing the third stream to the third display device results in a panoramic view that includes three different portions of a same scene, wherein each portion is displayed on a different one of the first, second and third display devices.

34. (New) The tangible computer-readable medium of claim 31, the method further comprising automatically directing the first stream to the first display device, and the second stream to the second display device.

35. (New) The tangible computer-readable medium of claim 31, the method further comprising redirecting the first stream and the second stream in response to a signal from a remote control device.

36. (New) The tangible computer-readable medium of claim 31, wherein the auxiliary information indicating that the first stream is a left stream is embedded in a video signal included in the first video stream.

37. (New) The tangible computer-readable medium of claim 31, wherein the auxiliary information indicating that the first stream is a left stream is provided via sub-picture information.

38. (New) The tangible computer-readable medium of claim 31, the method further comprising:

accepting signals from a user input device to display an athlete on a third display screen and to display performance statistics on a fourth display screen.

39. (New) An apparatus for directing multiple streams of video information, comprising:

one or more inputs configured to receive at least:

an indication that a first display device is positioned as a left display device;

an indication that a second display device is positioned as a right display device

a first video stream;

auxiliary information associated with the first video stream indicating that the first video stream is a left stream;

a second video stream;

auxiliary information associated with the second video stream indicating that the second video stream is a right stream;

wherein the apparatus is configured to direct the first stream to the first display device at least partly in response to the indication that the first display device is positioned as the left display device and the auxiliary information indicating that the first stream is a left stream; and

wherein the apparatus is configured to direct the second stream to the second display device at least partly in response to the indication that the second display device is positioned as the right display device and the auxiliary information indicating that the second stream is a right stream.

40. (New) The apparatus of Claim 39, wherein the apparatus is further configured to:

receive an indication that a third display device is positioned as a center display device;

receive associated auxiliary information indicating that the third stream is a center stream; and

at least partly in response to the indication that the third display device is positioned as the center display device and the auxiliary information indicating that the third stream is a center stream, direct the third stream to the third display device.

41. (New) The apparatus of claim 39, wherein the apparatus is configured to automatically direct the first stream to the first display device, and the second stream to the second display device.

42. (New) The apparatus of claim 39, wherein the apparatus is configured to redirect the first stream and the second stream in response to a signal from a remote control device.

43. (New) The apparatus of claim 39, wherein the apparatus is configured to receive the auxiliary information indicating that the first stream is a left stream via information embedded in a video signal included in the first video stream.

Application No.: 10/807,863
Filing Date: March 24, 2004

44. (New) The apparatus of claim 39, wherein the apparatus is configured to receive the auxiliary information indicating that the first stream is a left stream via sub-picture information.